

Appl. No.: 09/890,295
Response dated August 9, 2004
Reply to Office action of June 2, 2004

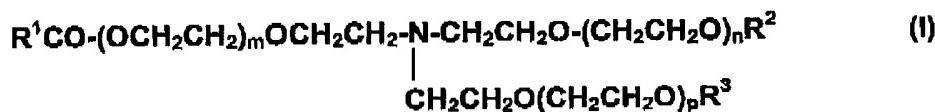
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

In the Claims:

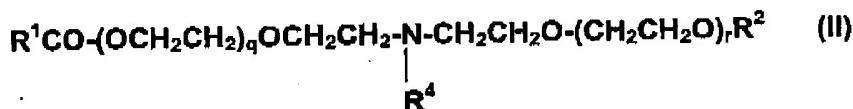
Claims 1-13 (previously cancelled).

Claim 14 (currently amended): A method of imparting antistatic properties to a thermoplastic comprising contacting a thermoplastic with from about 0.5 to about 5 parts by weight, based on the weight of the thermoplastic, of an antistatic agent of the formula (I):



wherein R¹CO is an acyl group having from about 6 to about 22 carbon atoms; each of R² and R³ is independently hydrogen or R¹CO; m, n and p together stand for 0 or numbers of 1 to 12.

Claim 15 (previously presented): A method of imparting antistatic properties to a thermoplastic comprising contacting a thermoplastic with from about 0.5 to about 5 parts by weight of an antistatic agent of the formula (II):



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wherein R¹CO is an acyl group having from about 6 to about 22 carbon atoms, R² is hydrogen or R¹CO; R⁴ is an alkyl group having from 1 to about 4 carbon atoms and q and r together stand for 0 or numbers of 1 to 12.

Claim 16 (previously presented): A method of imparting antistatic properties to a thermoplastic comprising contacting a thermoplastic with from about 0.5 to about 5 parts by weight of an antistatic agent of the formula (III):



wherein R¹CO is an acyl group having from about 6 to about 22 carbon atoms; R² is hydrogen or R¹CO, each of R⁴ and R⁵ is independently an alkyl group having 1 to about 4 carbon atoms and s and t together stand for 0 or numbers of 1 to 12.

Claim 17 (cancelled).

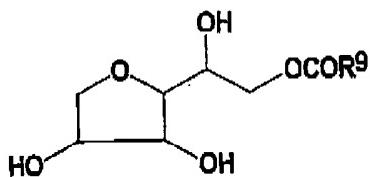
Claim 18 (cancelled).

Claim 19 (previously presented): The method of claim 15 further comprising contacting the thermoplastic with a lubricant selected from the group consisting of a compound corresponding to formula (IV):



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wherein R⁶CO is a linear or branched, saturated and/or unsaturated acyl group having from 6 to 22 carbon atoms; each of R⁷ and R⁸ is R⁶CO or OH with the proviso that at least one of R⁶ and R⁷ is OH; each of m, n, and p is a number for 0 to 100 such that the sum of v+w+x has a value of from 0 to 100; a compound corresponding to formula (V):



(V)

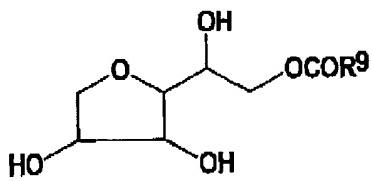
wherein R⁹CO is a linear or branched, saturated or unsaturated acyl group having from 6 to 22 carbon atoms, and mixtures thereof.

Claim 20 (previously presented): The method of claim 16 further comprising contacting the thermoplastic with a lubricant selected from the group consisting of a compound corresponding to formula (IV):



wherein R⁶CO is a linear or branched, saturated and/or unsaturated acyl group having from 6 to 22 carbon atoms; each of R⁷ and R⁸ is R⁶CO or OH with the proviso that at least one of R⁶ and R⁷ is OH; each of m, n, and p is a number for 0 to 100 such that the sum of v+w+x has a value of from 0 to 100; a compound corresponding to formula (V):

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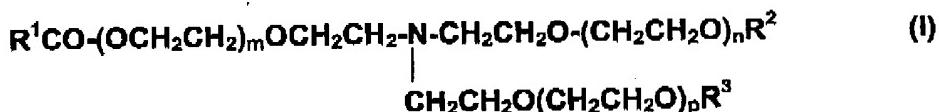


(V)

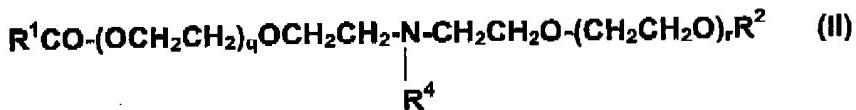
wherein R⁹CO is a linear or branched, saturated or unsaturated acyl group having from 6 to 22 carbon atoms, and mixtures thereof.

Claim 21 (previously presented): A polymeric composition comprising:

(a) a thermoplastic;
 (b) from about 0.5 to 5 parts by weight, based on the weight of the thermoplastic, of an antistatic additive selected from the group consisting of a compound corresponding to formula (I):



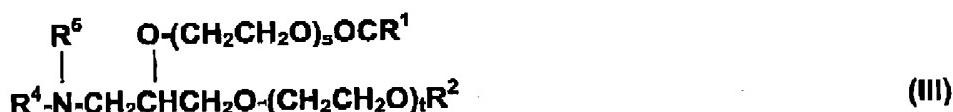
wherein R¹CO is an acyl group having from about 6 to about 22 carbon atoms; each of R² and R³ is independently hydrogen or R¹CO; m, n and p together stand for 0 or numbers of 1 to 12, a compound corresponding to formula (II):



wherein R¹CO is an acyl group having from about 6 to about 22 carbon atoms, R² is hydrogen or R¹CO; R⁴ is an alkyl group having from 1 to about 4 carbon atoms and q and

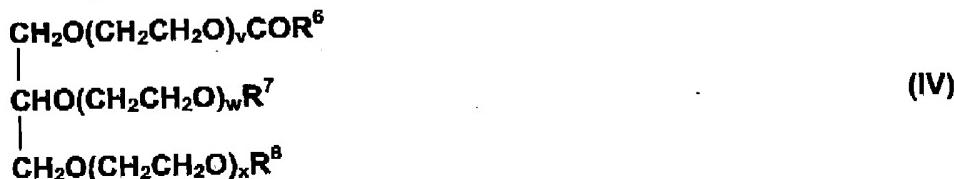
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r together stand for 0 or numbers of 1 to 12, a compound corresponding to formula (III):



wherein R¹CO is an acyl group having from about 6 to about 22 carbon atoms; R² is hydrogen or R¹CO, each of R⁴ and R⁵ is independently an alkyl group having 1 to about 4 carbon atoms and s and t together stand for 0 or numbers of 1 to 12, and mixtures thereof; and

(c) optionally, a lubricant selected from the group consisting of a compound corresponding to formula (IV):



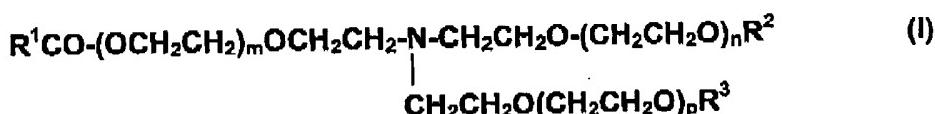
wherein R⁶CO is a linear or branched, saturated and/or unsaturated acyl group having from 6 to 22 carbon atoms; each of R⁷ and R⁸ is R⁶CO or OH with the proviso that at least one of R⁶ and R⁷ is OH; each of m, n, and p is a number for 0 to 100 such that the sum of v+w+x has a value of from 0 to 100; a compound corresponding to formula (V):



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wherein R⁹CO is a linear or branched, saturated or unsaturated acyl group having from 6 to 22 carbon atoms, and mixtures thereof.

Claim 22 (new): A method of imparting antistatic properties to a thermoplastic comprising contacting a thermoplastic with from about 0.5 to about 5 parts by weight, based on the weight of the thermoplastic, of an antistatic agent of the formula (I):

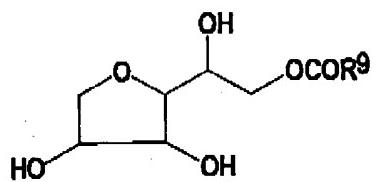


wherein R¹CO is an acyl group having from about 6 to about 22 carbon atoms; each of R² and R³ is independently hydrogen or R¹CO; m, n and p together stand for 0 or numbers of 1 to 12; and a lubricant selected from the group consisting of a compound corresponding to formula (IV):



wherein R⁶CO is a linear or branched, saturated and/or unsaturated acyl group having from 6 to 22 carbon atoms; each of R⁷ and R⁸ is R⁶CO or OH with the proviso that at least one of R⁶ and R⁷ is OH; each of m, n, and p is a number for 0 to 100 such that the sum of v+w+x has a value of from 0 to 100; a compound corresponding to formula (V):

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(V)

wherein R⁹CO is a linear or branched, saturated or unsaturated acyl group having from 6 to 22 carbon atoms, and mixtures thereof.